

TITLE
JOURNAL
COMMENT

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
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Tel: 314 286 1800
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Email: est@watson.wustl.edu
Insert Size: 516
High quality sequence stops: 307
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 516 Std Error: 0.00
Seq primer: M13RPI
High quality sequence stop: 307.

FEATURES
source

1. .403
Location/Qualifiers
/organism="Homo sapiens"
/db_xref="GDB:572980"
/db_xref="taxon:9606"
/clone="IMAGE:158921"
/clone_lib="Soares breast 2NHBst"
/sex="Female"
/dev_stage="adult"
/lab_host="DH10B (ampicillin resistant)"
/note="Organ: breast; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGGCGGCCCTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of a modified pT7T3 vector (Pharmacia).
Library went through one round of normalization to a Cot =
230. Library constructed by Bento Soares and M.Fatima
Bonaldo."

BASE COUNT 82 a 113 c 89 g 116 t 3 others
ORIGIN

Alignment Scores:
Pred. No.: 4.59e-66 Length: 403
Score: 78.00 Matches: 78
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 86.67% Indels: 0
DB: 14 Gaps: 0

US-08-962-094-16 (1-90) x R75793 (1-403)

QY	9	LeuLeuGlyValSerIlePheLeuValSerAlaGlnAsnProThrAlaAlaProAla	28
DB	65	CTCTGGGAGTTTCCATCTTCTGCTCTGCCAGATCCGACACAGCTGCTCCAGCT	124
QY	29	AspThrTyrProAlaThrGlyProAlaAspGluAlaProAspAlaGluThrAla	48
DB	125	GACAGCTATCCAGCTACTGCTGCTGATGATGAAGCCCTGATGCTGAACACCACTGCT	184
QY	49	AlaAlaThrThrAlaThrAlaAlaProThrThrAlaThrAlaAlaSerThrThr	68
DB	185	GCTGCAACCACTGGCAGCCACTGCTGCTCTTACCATGCAACCCGCTGCTTCTACCACT	244
QY	69	AlaArgLysAspIleProValLeuProLysTrpValGlyAspLeuProAsnGly	86
DB	245	GCTCGTAAAGACATCCAGTTTTTACCAAAATGGTTGGGGATCTCCCGAATGGG	298

RESULT 7

R75793 403 bp mRNA linear EST 06-JUN-1995
LOCUS
DEFINITION Y121f09.r1 Soares breast 2NHBst Homo sapiens cDNA clone
IMAGE:158921 5' similar to contains LTR3 repetitive element ;, mRNA
sequence.
ACCESSION R75793
VERSION R75793.1 GI:850475
KEYWORDS EST.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 403)
REFERENCE Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman
M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J.,
Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevas, E., Waterston
R., Williamson, A., Wohldmann, P. and Wilson, R.